

Jacob Edward Fetterman

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Honors and Awards

Lead Programmer of Team 1287 making it go from top 60 in SC to top 10 - 2024

2nd place in state for cyber patriot (linux)-2023

Placed 4 places away from going to nationals in FRC robotics -2024

Leadership Positions

Academy for the Arts, Science, and Technology, 895 International Dr, Myrtle Beach, SC -
Lead Programmer for team 1287 Aluminum Assault.

August 2022 - PRESENT

- Worked closely with the team leads to work on the design of the robot's key functions.
- Developed a system to spread out the workload amongst the programmers.
- Making sure we keep out deadlines to make the robot fully operational before the kickoff event.
- Programmed a swerve drive using proportional-integral-derivative controller. Or PID controller

Academy for the Arts, Science, and Technology, 895 International Dr, Myrtle Beach, SC -
Cyber patriot (linux operator) - Team Lead

September 2022 - PRESENT

- Worked on securing a virtual machine using command code on linux.
- Went to a PCDC event where we secured an entire network against real hackers to test our skills.

Certifications

SolidWorks Certified CSWA Mechanical design

February 2021 - Current

- Accurately and quickly make a product with a design sheet.
- I can help produce mechanical Parts to solve problems using a CAD
- Designed a car exhaust manifold to replace an old one.

